

CO₂ and RH/T Sensor Module

Do you have any questions or want to discuss a future project? Please [contact us](#).

| CO ₂ Sensor Specifications | |
|---------------------------------------|--|
| CO ₂ measurement range | 0 – 10'000 ppm |
| Accuracy | ±30 ppm ±3% (25 °C, 400 – 10'000 ppm) |
| Repeatability | 10 ppm |
| Temperature stability | 2.5 ppm / °C (0–50 °C) |
| Response time (t63) | 20 s |
| Humidity Sensor Specifications | |
| Relative humidity measurement range | 0 – 100 % RH |
| Typ accuracy | ±2% RH (0 – 100% RH) |
| Repeatability | 0.1% RH |
| Response time (t63) | 8 s |
| Temperature Sensor Specifications | |
| Temperature measurement range | -40 °C – 120 °C |
| Typ accuracy (°C) | ±0.5 °C |
| Repeatability (°C) | 0.1 °C |
| Response time (t63) | >2 s |
| Electrical Specifications | |
| Supply voltage | 3.3 – 5.5 V |
| Average current @ 2s measurement rate | 17 mA |
| Max. current | 75 mA |